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ABSTRACT

This guide to programs of technical education in Ohio's two-year college campuses provides descriptions of the specialities of work, a directory by sector, and a campus-by-campus listing of technologies. The programs fall under the categories of business, health, engineering, natural science, and public service. (DB)

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TECHNICAL EDUCATION

offerings of 2-year campuses: 1973-74 Ohio guide to programs & training

a report on career technologies for high school graduates

OHIO BOARD OF REGENTS
88 EAST BROAD ST.
COLUMBUS, OHIO

JC 730 137

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contents

4 INTRODUCTION

5 DIRECTORY

6 west sector campuses

8 northeast sector campuses

10 southeast-central sector campuses

12 TECHNICAL PROGRAMS

34 CAMPUS-BY-CAMPUS LISTING OF TECHNOLOGIES

introduction

Are you a high school student, and do you dream of having a satisfying job? Are you a high school graduate (or equivalent), and do you seek rewarding employment?

If you are now a student, talk to your school's counselor or counselors about your potential in technical careers. More than likely you received this guide to programs of technical education on Ohio's two-year campuses through your school's guidance department.

For you who are high school graduates, inquiry concerning a technical field of interest may be made through the institutions listed in this guide.

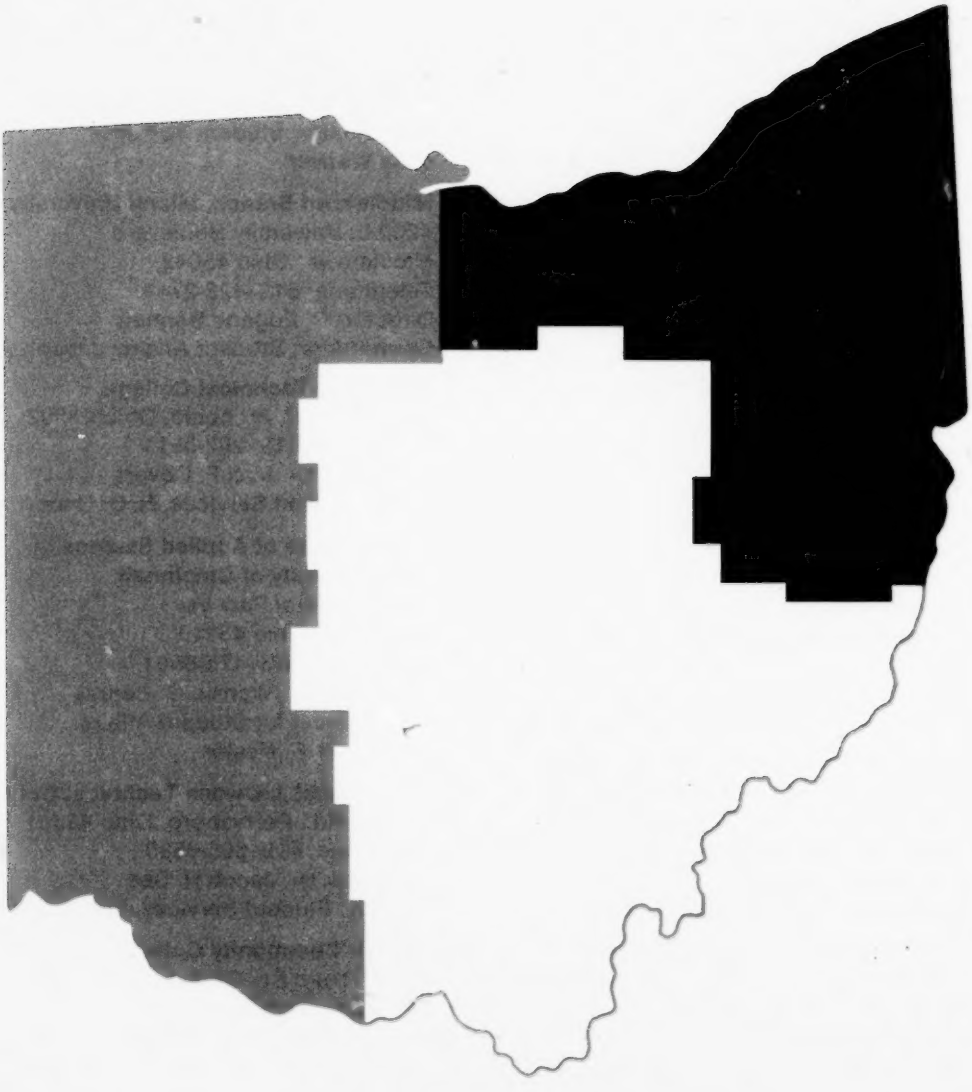
New specialties of work are appearing in our highly technological society, thus it is incumbent upon our postsecondary institutions to provide the unique kind of education needed to develop new skilled and technical manpower. The prime purpose of technical education is to prepare an individual, in approximately two years, for a career as a technician, who would work with the skilled craftsman and the professional.

For students, parents, and counselors, the Ohio Board of Regents presents this guide which locates the many public campuses offering technical education, lists their associate degree technologies, and describes the relationship between this education and the work role of the technician—the para-professional.

Each campus has developed its technical course sequence in cooperation with local employers, with 50 percent of the curriculum devoted to technical subjects and a high percentage of time spent in laboratory experiences. Approximately 25 percent of the studies are in general education; the remaining subjects, such as mathematics and science, are basic to the specific technical field of the student.

The main thrust of training for these special types of expertise is job entry for the graduate. However, some public universities have developed unique upper division programs which can accommodate specific technical graduates with minimum loss of credit.

Descriptions of the specialties of work, the names of some of which were unknown only a few years ago, make up the major portion of the guide. Campus-by-campus listings of the associate degree technologies, by geographic sectors, should prove to be of considerable worth to the commuting technical student. The directory of campuses, in the forepart of the guide, is also keyed to geographic sectors for quick reference—use the guide, and share it with friends who aspire to career development with a future.



directory, by sector

west sector campuses

1. **Central State University***
   Wilberforce, Ohio 45384
   Telephone: 513–376-6011
   President: Dr. Lionel H. Newsom
   Director, Admissions: Andrew Love

2. **Community & Technical College**
   The University of Toledo
   2801 West Bancroft St.
   Toledo, Ohio 43606
   Telephone: 419–531-5711
   Dean: Dr. Newton C. Rochte
   Dean of Students: A. G. Wright

3. **Cincinnati Technical College**
   3520 Central Parkway
   Cincinnati, Ohio 45223
   Telephone: 513–681-3320
   President: Clifford R. House
   Director, Student Services: E. V. Bonner

4. **Clark Technical College**
   570 East Leffels Lane
   Springfield, Ohio 45505
   Telephone: 513–325-0691
   President: Richard O. Brinkman
   Director, Student Services: Margaret Riley

5. **Clermont General & Technical College**
   The University of Cincinnati
   College Dr., Batavia, Ohio 45103
   Telephone: 513–732-2990
   Dean: Edith E. Peters
   Coordinator, Student Affairs: Joe B. Conn

6. **Hamilton Branch, Miami University**
   1601 Peck Blvd., Hamilton, Ohio 45011
   Telephone: 513–894-3231
   Director: Bernard F. Phelps
   Director, Admissions: D. L. Ballard

7. **Lima Technical College**
   4300 Campus Drive, Lima, Ohio 45804
   Telephone: 419–227-5131
   Director: Dr. James S. Biddle
   Coordinator, Student Activities:
   Gary Weaver

8. **Middletown Branch, Miami University**
   4200 E. University Boulevard
   Middletown, Ohio 45042
   Telephone: 513–422-2741
   Director: C. Eugene Bennett
   Coordinator, Student Affairs: Joseph Ayer

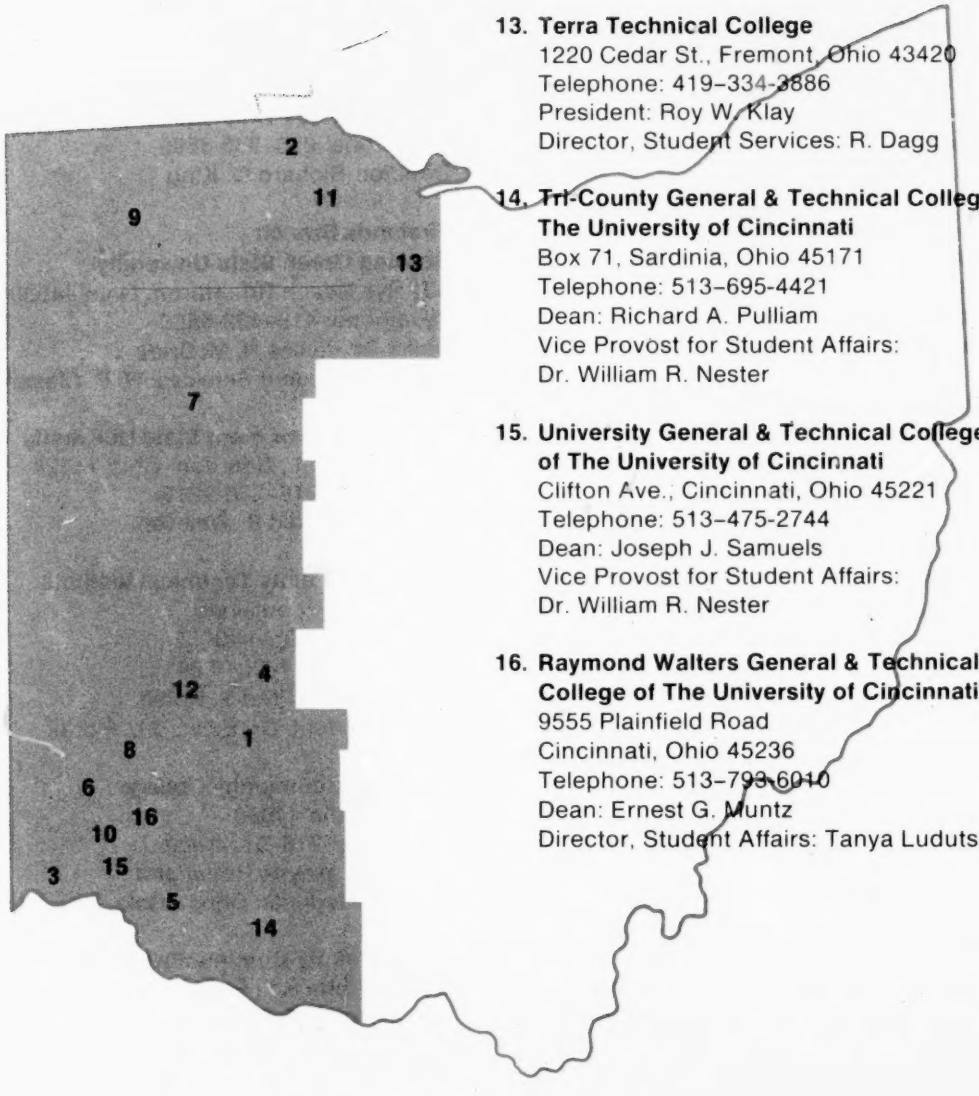
9. **Northwest Technical College**
   P.O. Box 260, Archbold, Ohio 43502
   Telephone: 419–267-5511
   President: Dr. Max F. Covert
   Dean, Student Services: R. C. Osborne

10. **Ohio College of Applied Science of The University of Cincinnati**
    100 E. Central Parkway
    Cincinnati, Ohio 45210
    Telephone: 513–475-6501
    President: Dr. Warren G. Bennis
    Vice Provost for Student Affairs:
    Dr. William R. Nester

11. **The Michael J. Owens Technical College**
    Oregon Rd., Perrysburg, Ohio 43551
    Telephone: 419–666-0580
    President: Dr. Jacob H. See
    Director, Student Services: Edward Praul

12. **Sinclair Community College**
    444 W. Third St., Dayton, Ohio 45402
    Telephone: 513–226-2525
    President: Marvin C. Knudson
    Dean, Student Services: C. J. Vaughn

*four-year institution



13. Terra Technical College
1220 Cedar St., Fremont, Ohio 43420
Telephone: 419–334-3886
President: Roy W. Klay
Director, Student Services: R. Dagg

14. Tri-County General & Technical College of The University of Cincinnati
Box 71, Sardinia, Ohio 45171
Telephone: 513–695-4421
Dean: Richard A. Pulliam
Vice Provost for Student Affairs:
Dr. William R. Nester

15. University General & Technical College of The University of Cincinnati
Clifton Ave., Cincinnati, Ohio 45221
Telephone: 513–475-2744
Dean: Joseph J. Samuels
Vice Provost for Student Affairs:
Dr. William R. Nester

16. Raymond Walters General & Technical College of The University of Cincinnati
9555 Plainfield Road
Cincinnati, Ohio 45236
Telephone: 513–793-6010
Dean: Ernest G. Muntz
Director, Student Affairs: Tanya Ludutsky

northeast sector campuses

1. **Ashtabula Branch, Kent State University**
   3325 W. 13th St., Ashtabula, Ohio 44004
   Telephone: 216-964-3322
   Director: Paul A. Reichert
   Director, Student Services: F. A. Culver

2. **Community & Technical College**
   The University of Akron
   304 E. Buchtel Ave., Akron, Ohio 44325
   Telephone: 216-375-7111
   Dean: William M. Petry
   Dean, Student Services: R. L. Hansford

   Cuyahoga Community College
   President: Dr. Charles E. Chapman

3. METROPOLITAN CAMPUS
   2900 Community College Avenue
   Cleveland, Ohio 44115
   Telephone: 216-241-5966
   President: Dr. Donald H. Smith
   Dean, Student Services: Major Harris

4. EASTERN CAMPUS
   25444 Harvard Road
   Warrensville Township, Ohio 44122
   Telephone: 216-464-1450
   President: Robert E. Shepack
   Student Service Officer: Robert Tarilla

5. WESTERN CAMPUS
   7300 York Rd., Parma, Ohio 44130
   Telephone: 216-845-4000
   Interim President: Dr. Frank Liguori
   Dean, Student Services: Richard Curtis

6. **East Liverpool Branch**
   Kent State University
   400 E. Fourth St.
   East Liverpool, Ohio 43920
   Telephone: 216-385-3805
   Director: Richard Q. King

7. **Firelands Branch**
   Bowling Green State University
   901 Rye Beach Rd., Huron, Ohio 44839
   Telephone: 419-433-5560
   Dean: Dr. James H. McBride
   Director, Student Services: R. B. Clasen

8. **Geauga Branch, Kent State University**
   206 E. Park St., Chardon, Ohio 44024
   Telephone: 216-285-2219
   Director: Donald E. Welever

9. **Jefferson County Technical Institute**
   4000 Sunset Boulevard
   Steubenville, Ohio 43952
   Telephone: 614-264-5591
   President: Dr. Fred S. Robie
   Vice President: Dr. Edward L. Florak

10. **Lakeland Community College**
    Mentor, Ohio 44060
    Telephone: 216-951-1000
    President: Wayne Rodehorst
    Dean of Students: Chris Artale

11. **Lorain County Community College**
    1005 N. Abbe Rd., Elyria, Ohio 44035
    Telephone: 216-365-4191
    President: Dr. Omar L. Olson
    Dean of Students: R. R. Mellott

12. **Salem Branch, Kent State University**
Salem-Lisbon Rd., Salem, Ohio 44460
Telephone: 216–332-0361
Director: Thomas N. Cox

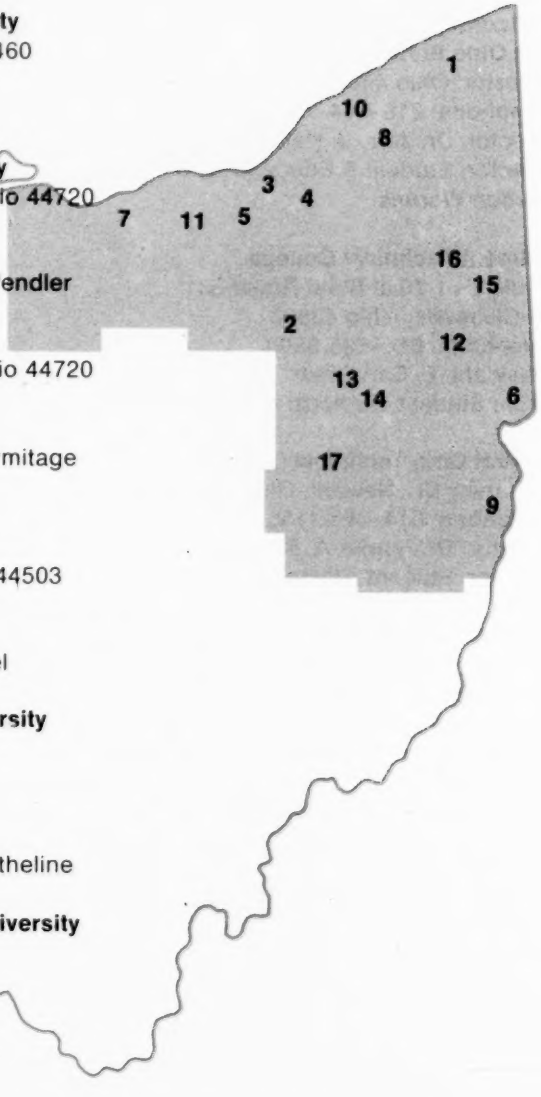
13. **Stark Branch, Kent State University**
6000 Frank Ave., N.W., Canton, Ohio 44720
Telephone: 216–499-9600
Director: Jack D. Morehart
Director, Student Services: R. C. Pfendler

14. **Stark Technical College**
6200 Frank Ave., N.W., Canton, Ohio 44720
Telephone: 216–494-6170
President: Fred A. Yenny
Director, Student Services: R. E. Armitage

15. **Technical & Community College**
Youngstown State University
410 Wick Ave., Youngstown, Ohio 44503
Telephone: 216–747-1492
Dean: Nicholas Paraska
Dean, Student Affairs: Darrell Rishel

16. **Trumbull Branch, Kent State University**
4314 Mahoning Ave., N.W.
Warren, Ohio 44483
Telephone: 216–847-0571
Director: Charles B. Wiland
Director, Student Services: T. J. Catheline

17. **Tuscarawas Branch, Kent State University**
University Dr., N.E.
New Philadelphia, Ohio 44663
Telephone: 216–364-5561
Director: Francis Hazard
Director, Student Services:
Richard J. McCullagh, III



southeast-central sector campuses

1. **Agricultural Technical Institute**
   The Ohio State University
   Wooster, Ohio 44691
   Telephone: 216–264-3911
   Director: Dr. Jerry J. Halterman
   Director, Student & Educational Services:
   Gordon Warnes

2. **Belmont Technical College**
   Route 1—1-70 at State Route 331
   St. Clairsville, Ohio 43950
   Telephone: 614–695-9500
   President: E. Earl Greer
   Dean, Student Services: A. L. Tobasco

3. **Central Ohio Technical College**
   University Dr., Newark, Ohio 43055
   Telephone: 614–366-1155
   Director: Dr. Robert A. Barnes
   Director, Student Affairs: J. T. Russell

4. **Chillicothe Branch, Ohio University**
   Box 629, Chillicothe, Ohio 45601
   Telephone: 614–775-9500
   Director: Dr. Edwin Hunt Badger
   Student Program Director: J. S. Phillips

5. **Columbus Technical Institute**
   550 E. Spring St., Columbus, Ohio 43215
   Telephone: 614–221-6743
   President: Dr. Clinton E. Tatsch
   Vice President, Student Services:
   Dale Tippett

6. **Hocking Technical College**
   Route 1, Nelsonville, Ohio 45764
   Telephone: 614–753-3514
   President: John J. Light
   Dean of Students: Frank Downhour

7. **Lancaster Branch, Ohio University**
   1000 Lancaster-Newark Road, N.E.
   Lancaster, Ohio 43130
   Telephone: 614–654-6711
   Acting Director: Dr. James Bryant
   Student Program Director: E. Menson

8. **Marion Technical College**
   1465 Mt. Vernon Ave., Marion, Ohio 43302
   Telephone: 614–389-4636
   President: John G. Lepp
   Vice President, Administration:
   John Richard Bryson

9. **Muskingum Area Technical College**
   400 Richards Rd., Zanesville, O. 43701
   Telephone: 614–454-0101
   President: Walker Huffman
   Dean, Student Services: Gene King

10. **North Central Technical College**
    2441 Kenwood Circle
    Mansfield, Ohio 44906
    Telephone: 419–747-4999
    President: Henry R. Fallerius
    Vice President, Instruction: P. D. Doray

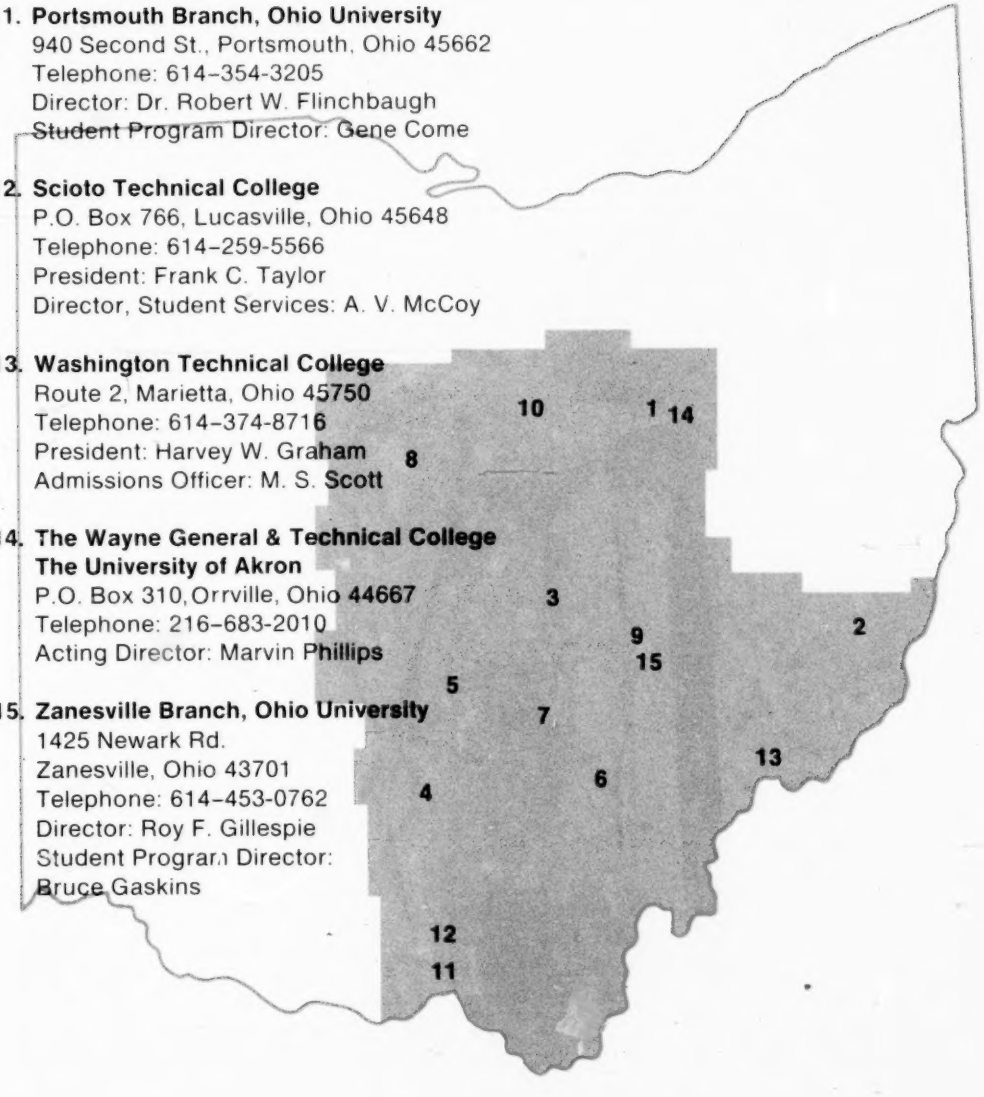
11. Portsmouth Branch, Ohio University
940 Second St., Portsmouth, Ohio 45662
Telephone: 614–354-3205
Director: Dr. Robert W. Flinchbaugh
Student Program Director: Gene Come

12. Scioto Technical College
P.O. Box 766, Lucasville, Ohio 45648
Telephone: 614–259-5566
President: Frank C. Taylor
Director, Student Services: A. V. McCoy

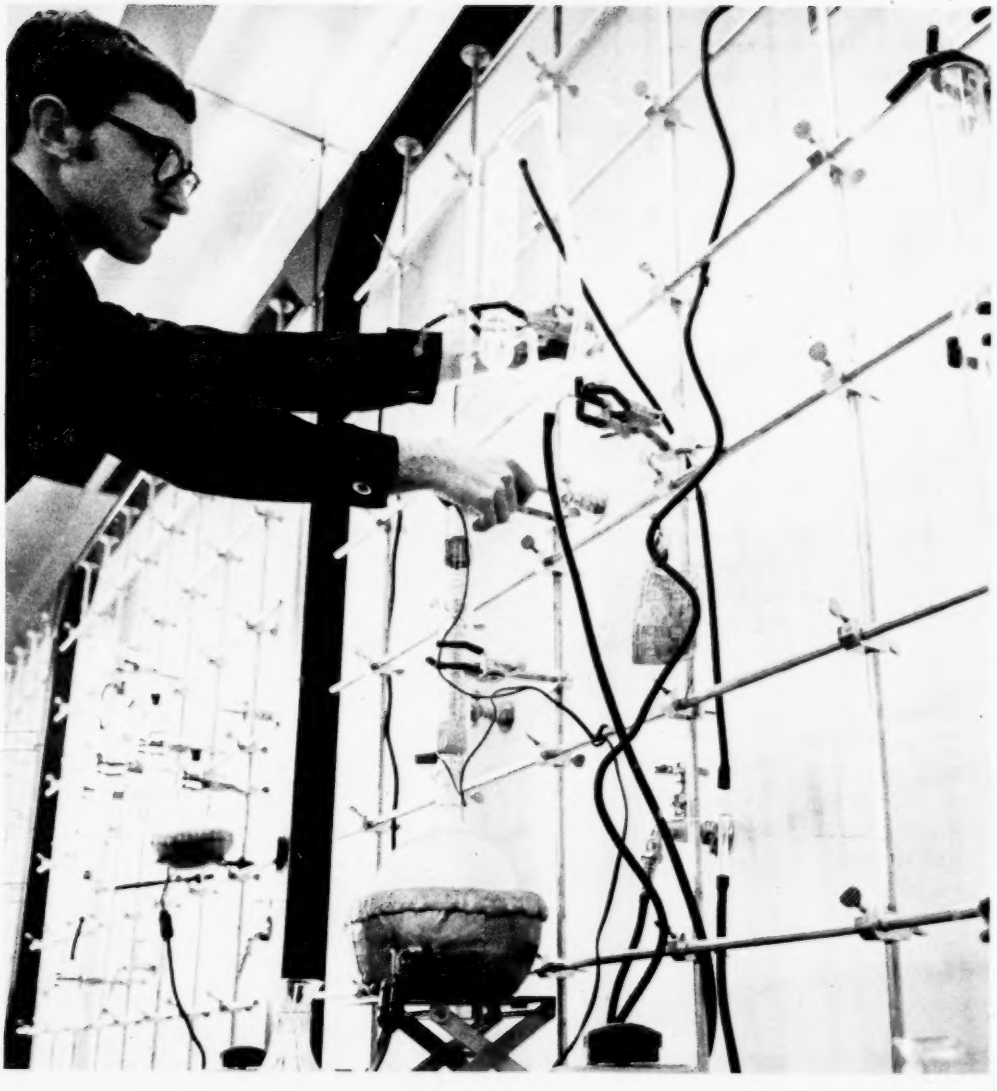
13. Washington Technical College
Route 2, Marietta, Ohio 45750
Telephone: 614–374-8716
President: Harvey W. Graham
Admissions Officer: M. S. Scott

14. The Wayne General & Technical College
The University of Akron
P.O. Box 310, Orrville, Ohio 44667
Telephone: 216–683-2010
Acting Director: Marvin Phillips

15. Zanesville Branch, Ohio University
1425 Newark Rd.
Zanesville, Ohio 43701
Telephone: 614–453-0762
Director: Roy F. Gillespie
Student Program Director:
Bruce Gaskins



programs, by category



business programs

Accounting Technology

Training for keeping books of accounts; compiling and preparing financial statements and reports; supervising activities of those engaged in bookkeeping.

Advertising Technology

Educating for preparing advertisements which appear in newspapers, magazines, and on radio and television; for books, periodicals, packages, and store displays.

Automotive Service Management Technology

Preparing for one to serve at a mid-management level of a firm which supplies gasoline, oil, and related products to automotive service stations and other outlets; to perform functions related to warehousing, transportation, and wholesale or rental marketing of these products.

Aviation Management Technology

Training for serving as a manager of small and medium-sized airports.

Banking/Finance Technology

Training for working in all aspects of the banking/finance industry, including bank operations, loan and mortgage departments, and trust departments.

Business Management Technology

Educating for serving in a line or staff relationship at mid-management level in business, with an emphasis in accounting and managerial techniques.

Commercial Art Technology

Preparing for one to be employed as a commercial artist in a studio (art services enterprise) or in free-lance work calling for skills in illustration, painting, sketching, lettering, layout, design, touch-up, etc.

Computer Programming Technology

Teaching for one to design, write (code), and test computer programs based upon specifications provided by management.

Court/Conference Reporting Technology

Training for performing court/conference secretarial duties and stenotyping testimony, speeches, discussions.

Executive Secretarial Technology

Instructing to perform general secretarial duties and assist the executive officer in effective and efficient operation of his office.

Food Service Management Technology

Preparing for entry level managing of a restaurant, cafeteria, club, fast food, or institutional food service operation. Management areas include training and supervising personnel; planning menus, kitchen and dining rooms; purchasing food, equipment, and furnishings; analyzing and controlling costs; orienting consumers.

General Secretarial Technology

Training to perform general secretarial duties, such as filing, taking dictation, transcribing, typing, operating office equipment, and serving as receptionist.

Graphics Technology

Educating to work in all areas of mass communications—packaging, photography, drawing, and advertising—to transmit information visually.

Hotel/Motel/Resort Management Technology

Training to serve at mid-management level in hospitality industry, in food purchasing and preparation, catering, housekeeping, convention planning or front office management.

Industrial Management Technology

Training for one to perform as a management aide in small and medium-sized industries.

Industrial Marketing

Preparing to perform sales and marketing functions involving a specialized technical knowledge of products and/or services appropriate to industrial firms, manufacturers, and other business and governmental units.

Insurance Technology

Training to work in life and health insurance or in property and liability insurance, investigating losses and processing claims.

Investments/Securities Technology

Preparing one to work in a brokerage house as a securities salesman or in trust department of a financial institution as trust officer.

Legal Secretarial Technology

Educating to perform general secretarial duties and to assist an attorney or someone in a judicial capacity in the effective and efficient operation of the office.

Logistics Management Technology

Preparing for management of the flow of materials in and out of military establishments and large industrial plants; training includes acquiring skills in inventory control, storage, distribution and transportation, and expertise in decision making.

Medical Office Assisting Technology

Educating to assist a physician in a private office, hospital, or clinic, and to perform clerical and administrative duties.

Medical Secretarial Technology

Teaching one to perform general secretarial duties in a hospital, physician's office, or clinic.

Office Management Technology

Training to serve as an aide in the management of offices, including the supervision of personnel.

Office Service Technology

Training to perform at the level of a clerk-steno; for typing, filing, duplicating, as well as limited stenography.

Procurement/Materials Handling Technology

Preparing one to locate and select vendors and supervise delivery of materials necessary for construction, business and industry.

Property Management Technology

Training to serve at mid-management level in a firm which manages residential or commercial properties, or as building manager of an office building, public building, or industrial plant.

Radio-Television Broadcasting Technology

Educating to serve as programmer and announcer for radio and/or television stations.

Real Estate Technology

Preparing to serve as a real estate salesman or assist broker in a real estate office or as a specialist in a financial institution which has functions related to real estate.

Retail Marketing Technology

Training to serve at mid-management level in retailing organizations, and for providing sales and marketing services appropriate to the needs of the ultimate consumer.

Security Administration Technology

Instructing to serve at mid-management level in a private or public corporation performing managerial functions designed to safeguard person and property and to eliminate or minimize losses due to theft, arson, accidental fire, explosion, sabotage, industrial espionage, etc.

Systems Analysis Technology

Teaching to study information and processing requirements in an organization, to design the flow of operations and preparation of the specifications for the processing system; to know principles of programming, discover the fundamental logic of a system, produce sound plans and appreciate the effects of new facts in planning.

Traffic Management Technology

Training one to plan and supervise the safe and efficient movement of freight from source to destination by rail, truck, water or air.

Wholesale Marketing Technology

Instructing to serve sales and marketing functions in the movement of goods from the factory to the consumer through intermediate distribution organizations.

Biomedical Instrumentation Technology

Educating to maintain, calibrate, and evaluate performance of electro-mechanical equipment used in medical fields in general hospitals and medical centers; bio-medical equipment centers; research and maintenance divisions of manufacturing and electronic firms.

Dental Assisting Technology

Preparing to perform receptionist, bookkeeping, and dental office managerial duties, assist in chair-side technique, sterilization of instruments, and other duties under direct supervision of the dentist in private dental practices; or private and public clinics; local, state or federal government agencies.

Dental Hygiene Technology

Training to qualify by license to perform those duties that are permitted by the Dental Practice Act, such as prophylaxis, fluoride applications, X rays, laboratory procedures, and patient education in private dental practices; or private and public dental clinics; school systems; local and state health departments; armed services; or other governmental agencies.

Dental Laboratory Technology

Preparing to perform, from the dentist's instructions, highly skilled technical procedures in the fabrication of dentures, crowns, and bridgework in private practices and/or commercial dental laboratories or in public clinical laboratories at local, state or federal levels.

Dietetic Technology

Training to serve at mid-management level as a para-professional in hospitals, clinics, community health and welfare agencies, educational systems and commercial enterprises where food services, nutrition counseling and education, food produce and consumer research are a vital concern.

Medical Assisting Technology

Educating one to perform receptionist, bookkeeping, and other office managerial duties and assist the physician in physical examinations, routine laboratory tests and patient-record keeping in private physicians' offices; or clinics; hospital out-patient departments; or to perform similar ambulatory patient services at local, state, or federal levels.

Medical Laboratory Technology

Teaching to assist the professional in performing specific pathology laboratory examinations such as chemical testing of body tissues and fluids, identification of micro-organisms, blood-cell typing and blood counts in public or private pathology laboratories of hospitals; clinics; physician offices at local, state, or federal levels.

Medical Library Technology

Teaching one to contribute to selection, cataloging, and compiling of medical literature, and utilization of medical audio-visual aids in hospital and medical center libraries at the local, state, or federal levels.

Medical Records Technology

Training to contribute to analyzing, correlating, transcribing and maintaining patient health/medical records in: hospital; public or private clinics at local, state, or federal levels; industrial health clinic or insurance company.

Mental Health Assisting Technology

Training one to assist in the recognition, motivation, care and treatment of the mentally ill and retarded under professional direction in public or private facilities, at community, state, or federal levels.

Nursing, RN

Training one to be an Associate Degree registered nurse, licensed by the state, who under professional direction of physicians, provides nursing care to patients and performs specialized duties in hospitals or other health care facilities including clinics, physicians' offices, schools, industries, or also in health services at state or federal levels.

Occupational Therapy Technology

Preparing one to assist an occupational therapist in the use of purposeful rehabilitative activity of persons with emotional or physical disabilities in: hospitals; or schools for retarded; mental health or geriatric centers at local, state or federal levels.

Ophthalmologic Technology

Training a person who will, under direction of a physician specializing in eye diseases, use tests and instruments to aid in diagnosing sight problems in: private or public eye clinics; physicians' offices; or in municipal, state or federal health services.

Optometric Technology

Educating to use tests and instruments for examining the eye for defects and faults or refraction under direction of an optometrist.

Pharmaceutical Technology

Training one who will, under the direction of the professional pharmacist, assist in routine drug dispensing, and maintain stock inventories, pharmaceutical records, and consumer relations in: private pharmacies; industry; hospitals; clinics; or other health facilities at local, state, or federal levels.

Physical Therapy Technology

Preparing a person who will, under direction of physical therapist, promote patient restoration of muscular function through prescribed exercises and/or use of ultra sound, heat or cold treatments in: hospital or clinic—public or private, at all levels—nursing or convalescence homes.

Public Health Technology

Educating to assist the community health professional in communication, inspection and evaluation of community health/environmental problems in: community or county health departments; or in state or federal health agencies.

Radiologic Technology

Preparing one to perform radiologic examinations, under physician's direction, for the purposes of diagnosis and treatment of physical diseases and injuries in: hospitals; or clinics; private physicians' offices; industry; research centers; or in state or federal institutions and services.

Respiratory Therapy Technology

Training a person who, under physician's direction/orders, will administer oxygen, other gases and medication, and operate equipment for patients with respiratory diseases in: public or private hospitals at local, state, or federal levels; or in private corporations or research laboratories.

Surgical Assisting Technology

Educating one to assist the surgeon in his office, performing clinical and administrative duties; and in the hospital operating room, performing such functions as preparing sterile surgical equipment, keeping operating room in order, passing instruments, holding retractors, cutting sutures.

Architectural Technology

Training one to assist in conceiving and drawing of plans for buildings or structures, supervising building of the structure, and landscaping its surroundings.

Aviation Technology

Training to maintain aircraft, including airframe and power plant, and supporting systems of both.

Ceramics Technology

Preparing to serve as para-professional to the ceramics engineer; to work in such fields as glass, refractories and electronic ceramics; to assist in such duties as quality control, production supervision, and research and development.

Chemical Engineering Technology

Training to help discover, explore, develop, test, perfect, and produce new chemical products; to assist in modifying and improving methods of making known chemicals.

Civil/Construction Technology

Training one to participate in the construction process from initial planning to project completion, either of new structures or modification of existing structures.

engineering programs

Climate Control Technology

Educating to design, develop, plan, produce and install machines and systems that control the temperature and environment of buildings, materials, or systems; to serve as trouble-shooter for this environmental equipment.

Concrete Technology

Educating for supervising concrete materials analysis and testing; production and distribution; product sales.

Drafting and Design Technology

Instructing to plan, prepare, and interpret mechanical, architectural, structural, pneumatic, marine, electrical/electronic and topographical designs, with ability to design or re-design jigs, fixtures, dies, tools, mechanisms and machines.

Electrical Engineering Technology

Training one to design, develop, install, control, and operate electrical power production and distribution systems.

Electronics Engineering Technology

Training to assist the electronics engineer in prototype development and testing, and in systems analysis (including design, selection, installation, calibration and testing).

Electro-Mechanical Technology

Training one to work with both mechanical and electrical controls and devices in handling, designing, developing, planning, making, installing, and trouble-shooting modern devices combining electrical, electronic, and mechanical systems.

Fluid Power Technology

Educating to design, develop, plan, make, install, and trouble-shoot hydro, pneumatic, and fluidic systems.

Industrial Technology

Training one to serve as para-professional to the industrial engineer as foreman or supervisor.

Instrumentation Technology

Instructing in how to help automatic measurement and control specialists design, install, adjust and maintain systems of instruments.

Mechanical Engineering Technology

Training to assist the mechanical engineer in designing, building, testing and producing machines and devices, and in teaching the care and operation of these.

Metallurgical Technology

Educating to assist the engineer in conducting tests on metal, working in production plan design and development, and preparing pertinent and comprehensive metallurgical reports.

Mining Technology

Training one to locate deposits, help direct drilling, separate and refine materials, supervise both underground and surface operations.

Paper Technology

Preparing for serving in the paper industry in production, quality control, or as service or sales representative of the manufacturer.

Plastics Technology

Educating to plan, manage or supervise production of plastics products.

Printing Technology

Training to serve in various capacities in the printing industry, including—but not limited to—supervision in typography, typecasting, cold typesetting, and offset and platen press makeup and operation.

Radio-Television Engineering Technology

Instructing in setting up, operating, and maintaining all electronic and electrical equipment required in the radio or television broadcasting facility.

Surveying Technology

Training one to work as a surveyor for land development or building construction firms.

Telecommunications Technology

Training one to service, trouble-shoot, install, and test microwave transmitters, receivers, antennas, power supplies, terminals, central office equipment and switch-gear in the telecommunications industry; training includes work in electronics, from DC to microwaves, and in switch-gear, traffic, networks, management, and economics as applied to the industry.

Welding Fabrication Technology

Educating one to serve as an aide to the welding engineer in developing welding procedures or doing detail work in product design. Training is intermediate between the skilled craftsman and the engineer.

Agri-Business Technology

Preparing for providing farmers with financial credit, power, fuel, and transportation services, and other farm and supply services; arranging contract marketing and processing.

Agricultural Inspection/Regulation Technology

Training one to serve as government food inspector.

Agricultural Power/Equipment Technology

Educating one to specialize in selection, operation, and maintenance of agricultural power machinery and equipment.

Agricultural Research/Laboratory Technology

Training to assist the professional in testing, analyzing, diagnosing, experimenting and investigating incident to biologically oriented endeavors in a laboratory.

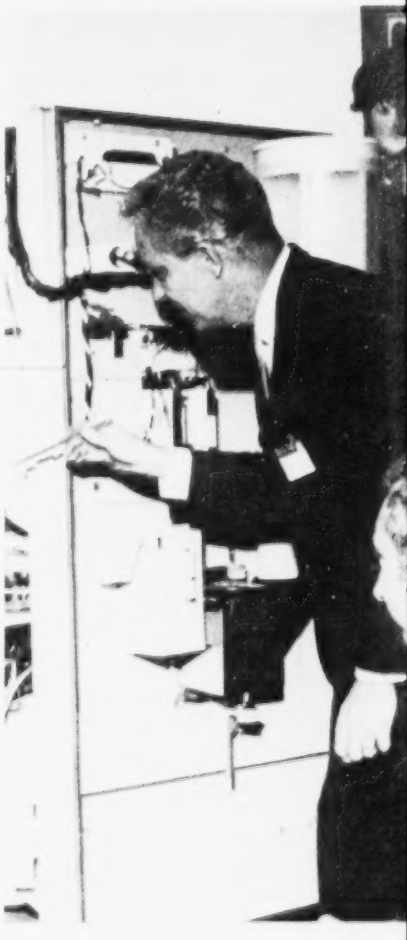
Air Quality Control Technology

Educating one to be skilled in the operation of monitoring and testing equipment, and qualified to perform air quality inspections required by federal and state laws.

Child Care Management Technology

Training one to operate and manage child care day centers or nursery schools.

natural science programs



Crop Management Technology

Training one to plan, plant, cultivate, care for, harvest and market crops such as grain, cotton, and fruits or vegetables for commercial purposes.

Dairy Cattle Production/Management Technology

Training for breeding and raising dairy cattle for the production of milk and milk products and managing a dairy cattle business.

Educational Assisting Technology

Training one to be an educational aide, who will assist the teacher, or counselor in carrying out their functions; as a para-professional, the educational aide serves in elementary and secondary schools, both public and private.

Farm Management Technology

Teaching one to apply managerial controls, personnel policies, procurement and marketing principles in farm management.

Feed Grains Technology

Training in buying grain from farmers to convert into feed; supplying farmers with feed, seed, fertilizers, fuel, and miscellaneous farm supplies.

Food Preparation Technology

Educating for managing a kitchen—as chef—in a restaurant, hotel, club, ocean liner, or institution; training includes planning, preparing and cooking meals, as well as using culinary skills in developing recipes; other skills relate to supervising cooks and bakers and to food supplies inventory control.

Food Processing Technology

Training one to buy, process, preserve, package, inspect, grade, store, and market food products such as dairy products, poultry, eggs, meats, fish, vegetables, fruits, cereals, and grains.

Forest Management Technology

Training for protecting, managing, harvesting, and replanting forests to provide both forest products and recreational resources; for conserving and managing related plants and wildlife.

Horse Production/Management Technology

Teaching one to breed and raise horses or mules for racing, riding, working, or other purposes; to show and market them. Producer-manager works at tracks, stables, ranches, farms and training schools.

Laboratory Animals Technology

Educating one to breed, raise, and handle biological research animals; to assist in the care and treatment of pets and other animals in animal hospitals and care centers.

Landscaping/Gardening/Turf Technology

Training for assisting horticulturalist in planning and establishing basic plantings and conveniences appropriate to gardens, parkways, parks, golf course greens, homes and commercial and industrial installations.

Land Stabilization and Reclamation Technology

Teaching one to plan and supervise the stabilization of soil and the reclamation of land, for employment by surface mining companies, construction companies, engineering firms, and federal and state agencies.

Meat Animals Technology

Educating one to raise beef, sheep, and swine and manage livestock production and enterprises.

Municipal Waste Disposal Technology

Training for supervising operation of a waste disposal plant, including: assigning personnel; inspecting operations; supervising minor maintenance; and supervising repair of valves and pumps.

Nursery/Greenhouse Operation/Management Technology

Preparing one to produce and market ornamental nursery plants and greenhouse flowers and related crops for commercial purposes; to manage nursery, greenhouse, garden center, or flower shops.

Parks/Recreation/Wildlife Technology

Training one to serve as park manager or ranger, wildlife area manager, game protector or production foreman, or assistant naturalist, for employment by state department of natural resources, metropolitan park systems, and by other governmental agencies.

Plant Health/Production Technology

Educating a person who will, through the application of specialized techniques and procedures, attempt to avert the consequences of insects, diseases, nematodes, weeds, and other pests upon normal plant growth and development. Employment may be in agricultural chemical firms or in state and federal agencies.

Soil Fertility/Plant Nutrition Technology

Training to apply technical methods and provide specialized services, on the basis of soil and plant analyses, to meet the nutritional needs of growing plants as an employee of a state/federal agency, commercial fertilizer firm, or other soil amendment industrial enterprise.

Veterinarian Assisting Technology

Educating one to assist the veterinarian in the care of large and small animals.

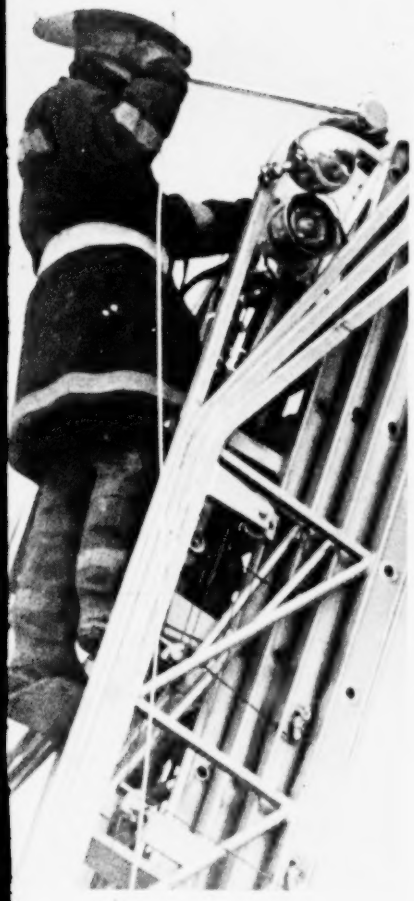
Water Quality Control Technology

Training for skill in the operation of monitoring and testing equipment and for qualifying to perform water quality inspections required by federal and state laws.

Wood Utilization Technology

Educating one for the development and production of products derived from wood, such as lumber, pulp, and paper, specialized building materials, tar and medicinal products.

public service programs



Air Traffic Control Technology

Training one to guide aircraft safely through the air-space system; the technician gives pilots information on weather, altitude, speed, traffic, and takeoff and landing instructions.

Audio-Visual Technology

Teaching how to recommend and propose audio and visual presentations to support educational and information services and repair and maintain audio-visual equipment.

Correctional (Community) Technology

Training one to work with individuals paroled or on probation in helping them through the rehabilitation process, through community-based programs.

Correctional (Institutional) Technology

Training to work with inmates assigned to correctional institutions; to function much as a correctional counselor.

Early Childhood Education Technology

Educating one to serve as a teacher in pre-kindergarten school program of activities.

Fire Science Technology

Preparing to fight fires and rescue people, conduct fire inspections, teach fire prevention practices, and possibly help establish fire insurance rates or sell fire prevention devices.

Law Enforcement Technology

Teaching to work on a federal, state, or local level, with responsibility for protecting life and property, enforcing traffic and highway laws, recovering stolen property, and apprehending law violators.

Library Technology

Training one to assist head librarian; to be in charge of circulation, including reserve material, photocopy and interlibrary loans; to make simple bibliographic search and answer basic reference questions; to work in acquisitions section, invoicing books, periodicals, and serials; to do pre-cataloging and to be responsible for binding.

Recreational Services Technology

Preparing to plan and carry out recreational programs for public, business, industrial, religious, or youth organizations.

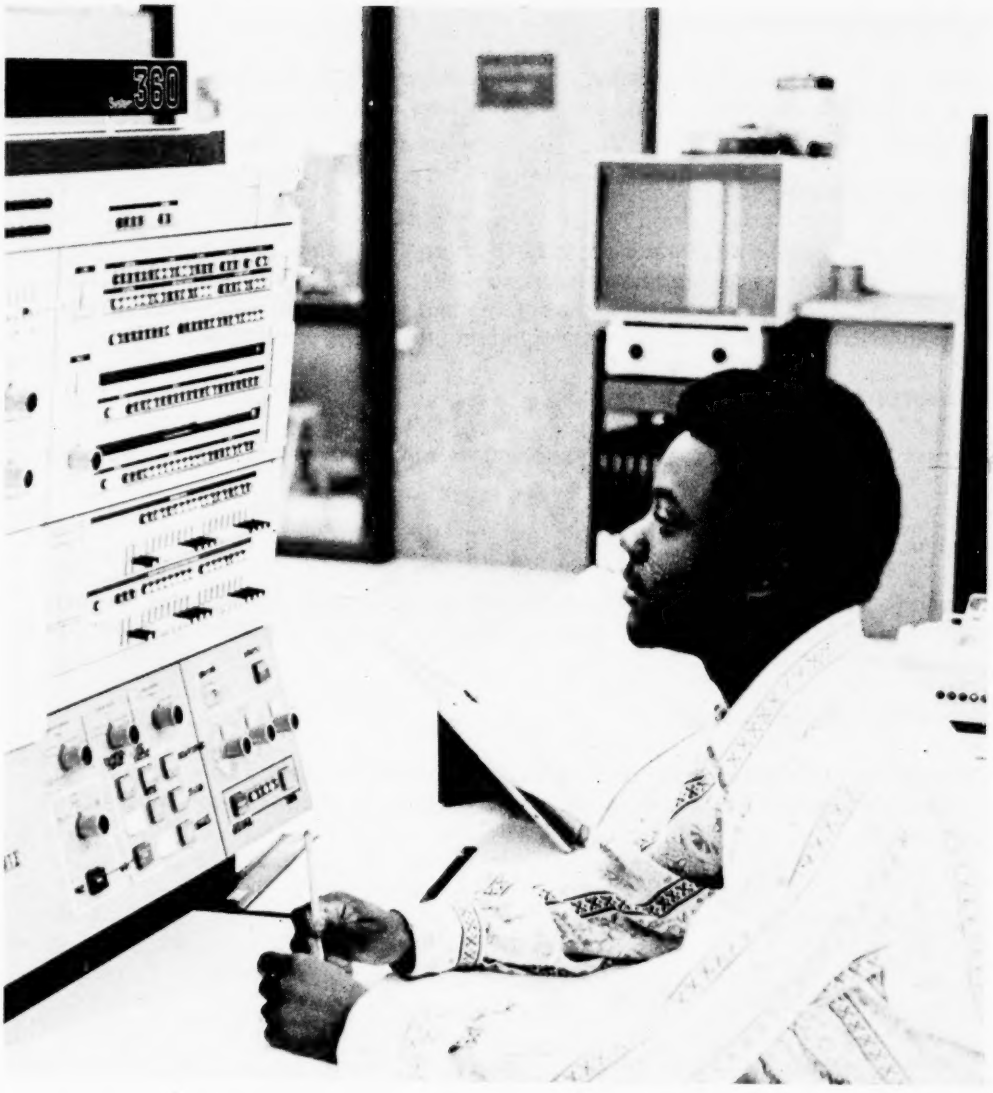
Regional Planning Technology

Preparing to do research and draw community plans; to assist professional planners in attempting to encourage urban growth patterns to provide maximum comfort, safety, and convenience.

Social Services Technology

Training one to work for a city, county, or privately-funded agency doing social casework and group work, and how to advise community action groups in obtaining legal rights.

associate degree technologies



business

	Central State U	Comm Tech UT	Cincinnati Tech	Clark Tech	Clermont G Tech UC	Hamilton MU	Lima Tech	Middletown MU	Northwest Tech	Oh College AS UC	Owens Tech	Sinclair CC	Terra Tech	Tri-County GT UC	U College GT UC	Walters GT UC
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west sector

health

	Central State U	Comm Tech UT	Cincinnati Tech	Clark Tech	Clermont G Tech UC	Hamilton MU	Lima Tech	Middletown MU	Northwest Tech	Oh College AS UC	Owens Tech	Sinclair CC	Terra Tech	Tri-County GT UC	U College GT UC	Walters GT UC
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west sector

engineering

	Central State U	Comm Tech UT	Cincinnati Tech	Clark Tech	Clermont G Tech UC	Hamilton MU	Lima Tech	Middletown MU	Northwest Tech	Oh College AS UC	Owens Tech	Sinclair CC	Terra Tech	Tri-County GT UC	U College GT UC	Walters GT UC
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chemical eng	•								•	•						
civil/construction	•	•	•					•	•	•	•					
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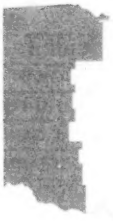

west sector

natural science

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agricultural power equipment				•												
agricultural research/lab																
air quality control			•								•					•
child care management	•														•	
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farm management											•			•		
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horse production/mgt																
laboratory animals																
landscaping/gardening/turf			•	•												
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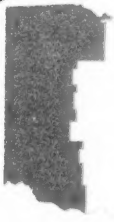

west sector

public service

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west sector

business

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health

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engineering

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natural science

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northeast sector

public service

	Ashtabula KSU	Comm Tech UA	Cuyahoga CC	E Liverpool KSU	Firelands BGSU	Geauga KSU	Jefferson Tech	Lakeland CC	Lorain CCC	Salem KSU	Stark KSU	Stark Tech	Tech Comm YSU	Trumbull KSU	Tuscarawas KSU
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business

	Ag Tech OSU	Belmont Tech	Central Ohio Tech	Chillicothe OU	Columbus Tech	Hocking Tech	Lancaster OU	Marion Tech	Muskingum Tech	North Central Tech	Portsmouth OU	Scioto Tech	Washington Tech	Wayne G Tech UA	Zanesville OU
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southeast-centr
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health

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southeast-central sector

engineering

	Ag Tech OSU	Belmont Tech	Central Ohio Tech	Chillicothe OU	Columbus Tech	Hocking Tech	Lancaster OU	Marion Tech	Muskingum Tech	North Central Tech	Portsmouth OU	Scioto Tech	Washington Tech	Wayne G Tech UA	Zanesville OU
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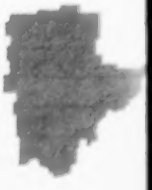

southeast-central sector

natural science

	Ag Tech OSU	Belmont Tech	Central Ohio Tech	Chillicothe OU	Columbus Tech	Hocking Tech	Lancaster OU	Marion Tech	Muskingum Tech	North Central Tech	Portsmouth OU	Scioto Tech	Washington Tech	Wayne G Tech UA	Zanesville OU
agri-business															
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southeast-central sector

public service

	Ag Tech OSU	Belmont Tech	Central Ohio Tech	Chillicothe OU	Columbus Tech	Hocking Tech	Lancaster OU	Marion Tech	Muskingum Tech	North Central Tech	Portsmouth OU	Scioto Tech	Washington Tech	Wayne G Tech UA	Zanesville OU
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regional planning															
social services					•										

southeast-central sector

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13 Terra Technical College
19 College of Medicine, The Ohio State University
23 North Central Technical College
27 Health Careers of Ohio
32 Columbus Technical Institute
34 Columbus Technical Institute

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JUL 7 1973

CLEARINGHOUSE FOR
JUNIOR COLLEGE
INFORMATION